Missouri Traffic Crashes

2019 Edition

2017 & 2018 Statistics

Department of Public Safety

Missouri State Highway Patrol

Introduction

   This booklet is published by the Missouri State Highway Patrol as an aid to persons who are interested in the traffic crash problem in Missouri. It contains information which provides for a comprehensive look at the Statewide crash problems as experienced in 2017 and 2018.

   The Missouri State Highway Patrol is the central traffic crash data collection agency for the State of Missouri. Data on both rural and urban traffic crashes is made available to this agency. Law enforcement agencies throughout the State provide the Highway Patrol with copies of their crash reports. All reports of traffic crashes including those investigated by the Missouri State Highway Patrol are tabulated and analyzed by this agency. It is thus due, in part, to the continued cooperation of these law enforcement agencies that a meaningful picture of the statewide crash experience is available to interested persons.

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2017 Statistics

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2017 Statistics

Interesting Statistics

- In 2017 there were 923 persons killed in traffic crashes in the State of Missouri, 24 (-2.5%%) more than in 2016 . There was a increase of about -3.0% in total crashes statewide compared to 2016.

- Alcohol/drugs and speeding are the two highest Probable Contributing Circumstance in fatal crashes. Of all fatal crashes, 34.8% involved speed and 22.2% involved alcohol/drugs.

- Of all persons killed in Missouri traffic crashes in 2017, 351 (38.0%) were in the 15-35 age group. The age group most overrepresented in Missouri fatal traffic crashes is 15-24 group (187 killed, 20.3% of the total).

- It is interesting to note that in known cases only 12% of all traffic crashes occurred during inclement weather (rain, snow, sleet/hail, freezing temp., fog or mist).

- Of all traffic crashes reported statewide, 73.9% were property damage only.

- Of all traffic crashes, 71.9% occurred during the daylight hours and 82.7% occurred on dry pavement.

- Of all fatal Missouri traffic crashes, 60.0% involved only one vehicle.

- Jackson County recorded the most traffic fatalities with 111.

It is hoped that the information in this booklet will be of value to you.
Certainly it is the most comprehensive look available at the crash problem in Missouri.

Traffic Safety Statistics
1991 - 2017

Year	Killed	Injured	Economic Loss	Licensed Drivers	Vehicles Registered	Miles Traveled	Death[1] Rate	Injury[2] Rate
1992	985	0,550	1,981,940,000	3,454,548	4,039,447	53,108,000,000	1.9	134.7
1993	949	77,521	2,561,332,000	3,499,278	4,097,716	54,821,000,000	1.7	143.1
1994	1,089	81,046	3,068,532,000	3,382,050	4,206,637	57,287,000,000	1.9	143.4
1995	1,109	81,114	3,169,354,000	3,688,225	4,250,708	59,115,000,000	1.9	139.2
1996	1,148	82,695	3,065,763,000	3,797,574	4,381,105	61,007,000,000	1.9	137.4
1997	1,192	81,515	2,949,793,200 [3]	3,832,875	4,339,101	62,979,000,000	1.9	131.3
1998	1,169	79,746	3,240,900,000 [3]	3,935,879	4,405,307	64,533,000,000	1.8	125.4
1999	1,094	78,317	3,167,302,800 [3]	3,983,650 *	4,429,689	66,856,000,000	1.6	118.8
2000	1,157	76,328	3,238,775,300	4,006,790	4,612,009	66,905,000,000	1.7	115.8
2001	1,098	73,618	3,205,958,600	4,019,869	4,244,980	67,635,000,000	1.6	110.5
2002	1,208	72,640	3,398,495,400	4,118,933	4,413,717	68,162,000,000	1.8	108.3
2003	1,232	69,147	3,431,654,000	4,186,002	4,416,352	67,929,000,000	1.8	103.6
2004	1,130	68,654	3,699,864,000	4,262,059	4,928,515	68,300,000,000	1.7	102.2
2005	1,257	66,424	3,713,459,000	4,284,187	4,722,723	68,754,000,000	1.8	98.4
2006	1,096	62,120	3,492,730,000	4,281,710	5,105,733	68,834,000,000	1.6	91.8
2007	992	60,012	3,508,413,000	4,446,471	5,069,869	69,150,000,000	1.4	88.2
2008	960	55,159	3,182,874,600	4,380,292	5,150,584	72,560,000,000	1.3	76.0
2009	878	53,836	3,318,707,000	4,414,942	5,157,017	69,096,000,000	1.3	79.2
2010	821	54,893	3,201,711,600	4,437,280	5,136,835	70,630,000,000	1.2	78.9
2011	786	51,062	3,213,233,000	4,489,653	5,318,607	68,787,970,653	1.1	74.3
2012	826	50,381	3,299,083,100	4,340,544	6,015,145	68,402,691,574	1.2	74.9
2013	757	49,533	3,232,943,118	4,413,066	5,310,646	69,327,888,701	1.1	71.5
2014	766	47,987	3,187,381,578	4,425,767	5,313,787	70,937,233,272	1.1	67.7
2015	870	53,910	3,983,810,400	4,438,957	5,715,501	71,896,933,990	1.2	76.2
2016	947	57,811	4,344,588,200	4,250,986	6,949,214	74,521,859,835	1.3	78.9
2017	923	57,270	**	4,271,518	**	75,911,309,350	1.2	76.1

[1] Number of deaths per 100 million miles of vehicle travel.
[2] Number of deaths and injuries per 100 million miles of vehicle travel.
[3] The 1995 cost figures have been calculated using a different National Safety Council cost estimate formula. The 1993 and 1994 cost figures also have been recomputed using this formula. As a result, the 1993 and 1994 costs displayed in this publication are different than those previously published. 1993 - 1995 costs are not comparable to prior years since different cost formulas were utilized.

*Updated 1996 Licensed Drivers 3,797,574   **Information No Longer Available

Statewide Deaths by Month

	2013	2014	2015	2016	2017
January	52	47	66	71	64
February	35	34	42	54	58
March	53	65	60	77	78
April	46	61	73	73	78
May	67	77	64	65	62
June	82	67	80	81	85
July	62	72	78	86	86
August	84	65	92	75	85
September	73	62	68	123	79
October	78	66	92	87	91
November	67	86	86	76	77
December	58	64	69	79	80
TOTAL	757	766	870	947	923

Statewide Traffic Deaths by County

These numbers include both rural and urban traffic deaths for each county and the City of St. Louis. The City of St. Louis is carried separately because it is not located within a county.

10 year average (the average deaths per year for the last ten year) -- +/- (increase or decrease of traffic fatalities in each county from the year 2016 to 2017. If there is no change it will be indicated by a 0)

County	2017	10 year Average	+/-	County	2017	10 year Average	+/-
Adair	5	3.0	1	Cape Girardeau	13	8.5	1
Andrew	2	3.9	-5	Carroll	4	2.0	2
Atchison	1	0.7	0	Carter	0	3.0	-3
Audrain	7	4.5	2	Cass	9	10.6	-5
Barry	7	9.4	-2	Cedar	3	2.1	3
Barton	0	2.9	0	Chariton	1	1.2	-1
Bates	2	2.9	-1	Christian	12	9.0	1
Benton	0	4.5	-1	Clark	2	2.2	-1
Bollinger	3	2.8	-1	Clay	19	20.7	-1
Boone	17	16.5	-10	Clinton	2	2.6	0
Buchanan	12	8.5	8	Cole	4	7.4	-4
Butler	13	9.5	2	Cooper	1	2.7	-2
Caldwell	1	2.4	-1	Crawford	7	4.7	3
Callaway	9	9.6	0	Dade	4	1.8	3
Camden	6	9.7	-5	Dallas	5	3.1	-1

Statewide Traffic Deaths by County

County	2017	10 year Average	+/-	County	2017	10 year Average	+/-
Daviess	7	2.0	5	Nodaway	3	4.5	-2
DeKalb	4	2.8	-1	Oregon	2	3.0	1
Dent	3	3.9	-1	Osage	1	2.6	1
Douglas	4	2.8	3	Ozark	4	2.9	1
Dunklin	9	7.5	4	Pemiscot	5	6.8	-3
Franklin	14	21.7	-7	Perry	3	3.9	1
Gasconade	4	4.7	-9	Pettis	10	9.1	5
Gentry	0	0.8	0	Phelps	21	11.6	8
Greene	32	31.1	-12	Pike	2	4.2	-3
Grundy	1	2.1	-1	Platte	21	12.2	8
Harrison	3	2.3	0	Polk	4	6.2	-2
Henry	5	4.5	-1	Pulaski	7	7.8	0
Hickory	3	2.7	2	Putnam	2	1.0	2
Holt	1	1.4	0	Ralls	1	2.9	-6
Howard	1	1.8	-4	Randolph	5	3.8	4
Howell	8	9.8	-6	Ray	4	3.7	1
Iron	3	2.9	1	Reynolds	4	2.8	0
Jackson	111	79.9	22	Ripley	5	4.7	1
Jasper	12	15.5	-5	Saline	6	4.5	-1
Jefferson	35	31.9	-4	Schuyler	0	1.3	-5
Johnson	13	8.3	2	Scotland	1	0.8	-1
Knox	0	1.2	-2	Scott	3	6.2	-2
Laclede	3	7.5	-9	Shannon	1	2.9	-2
Lafayette	5	5.4	0	Shelby	1	1.1	-1
Lawrence	11	9.5	4	St. Charles	37	25.1	10
Lewis	1	1.6	-1	St. Clair	1	3.9	0
Lincoln	8	9.1	-3	St. Francois	9	11.9	-1
Linn	4	2.2	2	St. Louis	84	60.6	5
Livingston	3	2.2	1	St. Louis City	57	46.1	-5
Macon	4	2.0	4	Ste. Genevieve	9	4.5	7
Madison	2	2.6	-1	Stoddard	7	7.0	-6
Maries	4	3.3	-2	Stone	8	7.8	-1
Marion	2	4.2	-3	Sullivan	2	1.2	1
McDonald	8	7.2	1	Taney	11	9.7	1
Mercer	1	1.1	-1	Texas	7	7.8	2
Miller	4	9.7	-5	Vernon	3	4.3	2
Mississippi	3	3.0	-2	Warren	3	7.0	-5
Moniteau	3	2.5	0	Washington	7	9.4	2
Monroe	0	2.0	-2	Wayne	4	4.4	2
Montgomery	5	4.7	0	Webster	6	6.8	1
Morgan	4	5.4	-2	Worth	0	0.6	-1
New Madrid	10	7.6	2	Wright	2	3.0	-1
Newton	21	14.9	7	TOTAL	923	853.3	-24

Crashes by Day and Hour
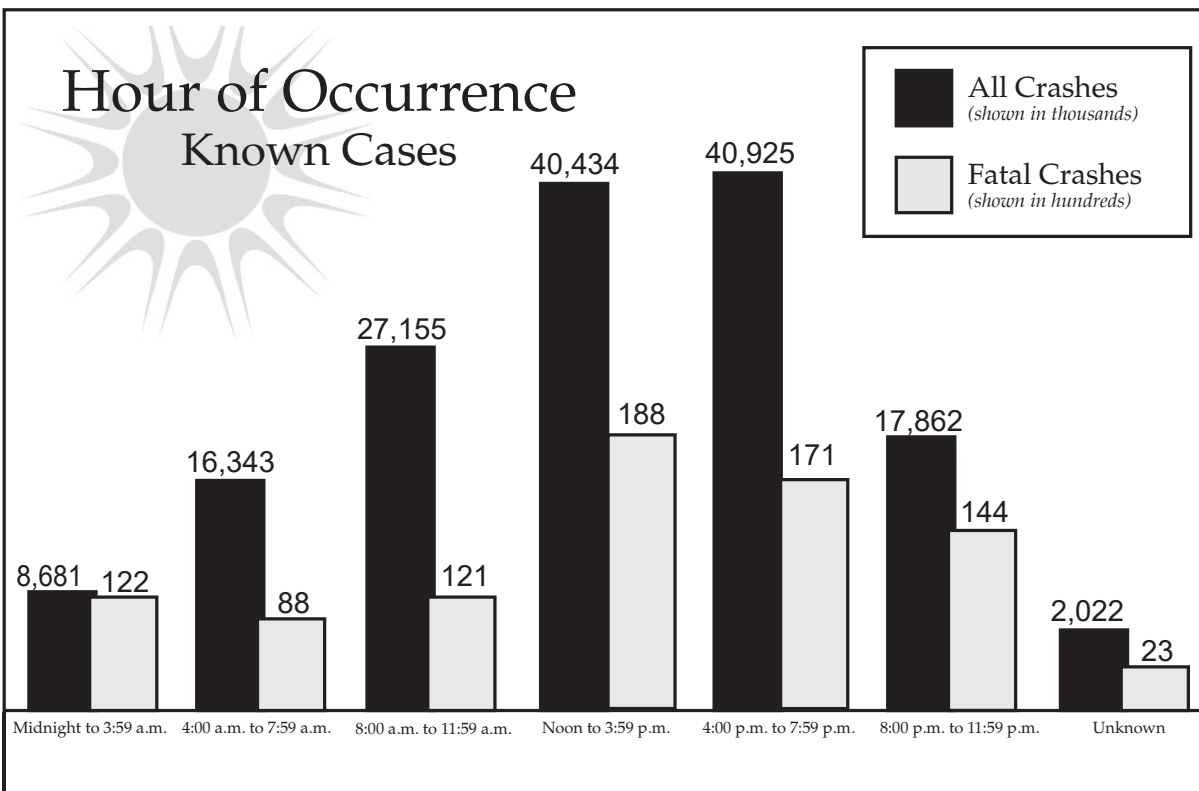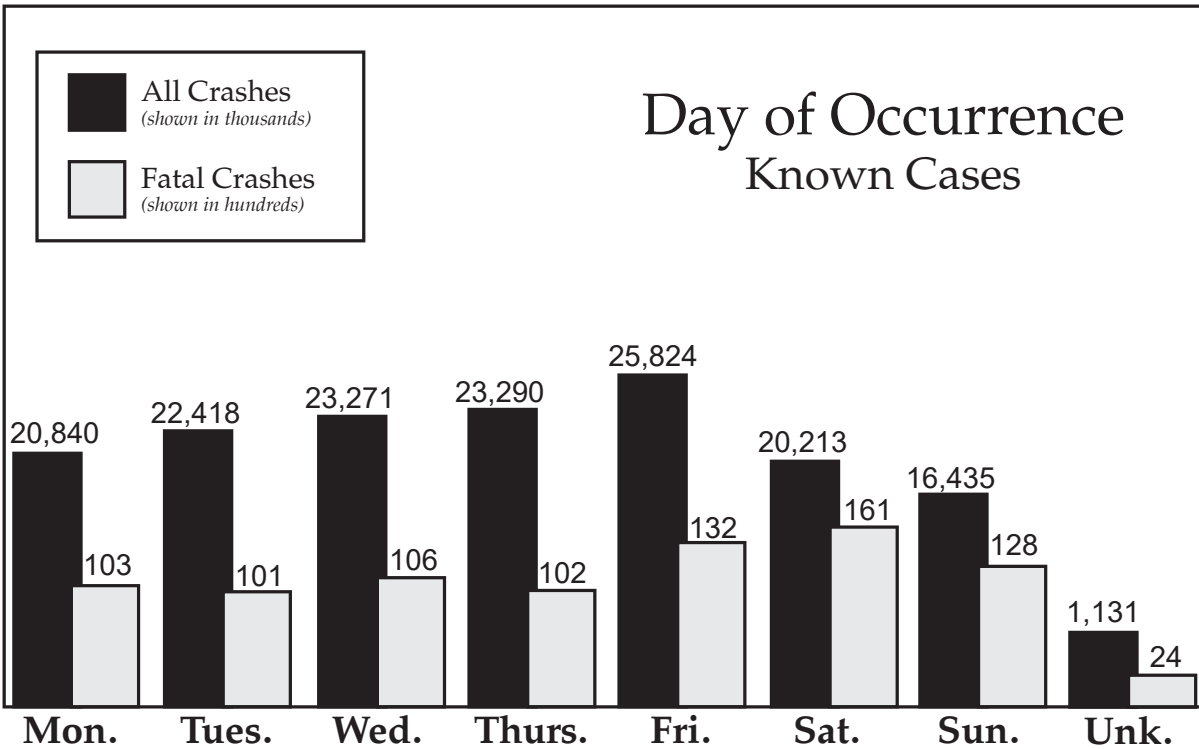
Day of Occurrence
Known Cases

Legend:
- All Crashes *(shown in thousands)*
- Fatal Crashes *(shown in hundreds)*

Day	All Crashes	Fatal Crashes
Mon.	20,840	103
Tues.	22,418	101
Wed.	23,271	106
Thurs.	23,290	102
Fri.	25,824	132
Sat.	20,213	161
Sun.	16,435	128
Unk.	1,131	24

Hour of Occurrence
Known Cases

Legend:
- All Crashes *(shown in thousands)*
- Fatal Crashes *(shown in hundreds)*

Hour	All Crashes	Fatal Crashes
Midnight to 3:59 a.m.	8,681	122
4:00 a.m. to 7:59 a.m.	16,343	88
8:00 a.m. to 11:59 a.m.	27,155	121
Noon to 3:59 p.m.	40,434	188
4:00 p.m. to 7:59 p.m.	40,925	171
8:00 p.m. to 11:59 p.m.	17,862	144
Unknown	2,022	23

Road, Weather, Light Conditions and Miscellaneous Information

Statewide Traffic Crashes

Road Conditions	Fatal Crashes	All Crashes
Dry	735	128,444
Ice/Frost	12	1,652
Moving Water	0	48
Mud/Dirt	3	94
Other	1	153
Sand/Gravel	2	304
Slush	0	219
Snow	4	1,869
Standing Water	0	214
Unknown	7	1,285
Wet	102	21,073
Total	866	155,355

Can be more than one road condition per crash.

Weather Conditions	Fatal Crashes	All Crashes
Clear	564	104,452
Cloudy	239	33,610
Rain	49	12,831
Snow	5	1,769
Sleet/Hail	1	209
Freezing Temperature	28	2,541
Fog or Mist	22	2,022
Severe Crosswind	0	117
Other	0	54
Unknown	10	4,099
Total	918	161,704

Light Conditions	Fatal Crashes	All Crashes
Dark - Lighted	479	110,313
Dark - Unknown Lighting	3	108
Dark - Unlighted	9	876
Daylight	134	24,198
Other	0	968
Unknown	232	16,959
Total	857	153,422

Miscellaneous Information

In Known Cases	Crashes	
	Fatal	All
Defective vehicles involved	15	3,509
Driver left the scene	42	22,563
Drivers with physical impairment	24	1,505
Hazardous material involved	3	66
Hazardous material released/spilled	0	19
Occurred at intersection	146	30,971
Occurred off roadway	369	41,491
Occurred on roadway	488	111,931
One vehicle crashes	514	127,084
Speed a contributing circumstance	317	19,535

Crash Type

Statewide Traffic Crashes in Missouri

Type of Crash	Statewide Crashes				Persons Involved		
	Fatal	Injury	Property Damage	Total	Killed	Injured	Total
Animal	7	424	4,485	4,916	7	499	506
Animal Drawn Veh/Animal Ridden for Trans.	1	14	15	30	1	28	29
Cargo/Equipment Loss/Shift	1	5	111	117	1	5	6
Fell/Jumped from Motor Vehicle	7	96	10	113	7	112	119
Fire/Explosion	0	6	245	251	0	6	6
Fixed Object	312	8,745	19,887	28,944	332	11,089	11,421
Immersion	0	7	22	29	0	8	8
Jackknife	0	6	104	110	0	6	6
Motor Vehicle in Transport	336	25,530	75,439	101,305	377	40,294	40,671
Other Non-Collision	5	107	395	507	5	136	141
Other Object	6	177	1,491	1,674	6	223	229
Overturn	75	1,648	1,132	2,855	79	2,118	2,197
Parked Motor Vehicle	5	773	9,624	10,402	5	978	983
Pedalcycle	9	470	91	570	9	488	497
Pedestrian	87	1,140	103	1,330	88	1,209	1,297
Railway Vehicle	4	13	16	33	4	17	21
Working Motor Vehicle	2	35	199	236	2	54	56
Total	857	39,196	113,369	153,422	923	57,270	58,193

Note: The type of crash is determined by the first harmful event.

Age of Killed/Injured and Drivers

Killed/Injured *By Age Group*

Age of Person	Killed	Injured	Total
0 - 4	15	1,126	1,141
5 - 10	15	1,730	1,745
11 - 14	8	1,342	1,350
15	4	576	580
16	16	1,399	1,415
17	20	1,581	1,601
18	24	1,679	1,703
19	24	1,593	1,617
20	16	1,531	1,547
21 - 24	83	5,784	5,867
25 - 34	164	11,708	11,872
35 - 44	130	7,893	8,023
45 - 54	110	7,181	7,291
55 - 64	130	6,239	6,369
65 - 74	78	3,385	3,463
75+	86	2,089	2,175
Unknown	0	434	434
Total	923	57,270	58,193

Age of Drivers of Motorized Vehicles Involved in Crashes

Age of Driver	Number Involved	Fatal Crashes	Injury Crashes	Property Damage Crashes
0 - 4	3	0	0	3
5 - 10	8	0	5	3
11 - 14	87	3	49	35
15	323	0	102	221
16	5,796	20	1,487	4,289
17	6,637	26	1,745	4,866
18	6,928	23	1,893	5,012
19	6,737	32	1,844	4,861
20	6,475	20	1,805	4,650
21 - 24	25,516	131	7,140	18,245
25 - 34	53,749	274	15,016	38,459
35 - 44	39,436	218	10,754	28,464
45 - 54	34,788	173	9,552	25,063
55 - 64	30,805	186	8,376	22,243
65 - 74	16,459	96	4,422	11,941
75+	8,944	82	2,553	6,309
Unknown	22,686	29	3,000	19,657
Total	265,377	1,313	69,743	194,321

Crashes by Class of Trafficway

Statewide Motor Vehicle Traffic Crashes

Classification of Trafficway	Crashes				Persons Involved		
	Fatal	Injury	Property Damage	Total	Killed	Injured	Total
Interstate...............................	127	4,576	15,661	20,364	137	6,641	6,778
U.S. Roadway	126	3,418	8,824	12,368	135	5,181	5,316
State Numbered...................	191	5,589	14,950	20,730	200	8,136	8,336
Single State Lettered	84	2,276	5,022	7,382	94	3,228	3,322
Double State Lettered	24	889	1,926	2,839	30	1,257	1,287
County Road	92	3,019	8,406	11,517	96	4,260	4,356
City Street	185	17,537	51,466	69,188	199	26,045	26,244
Other	28	1,892	7,114	9,034	32	2,522	2,554
Total.....................................	857	39,196	113,369	153,422	923	57,270	58,193

People Killed	
Driver	625
Passenger	190
Pedestrian	98
Pedalcyclist	9
Other/Unknown	1

Pedestrian Information

Pedestrian Action	Rural		Urban		Total	
	Killed	Injured	Killed	Injured	Killed	Injured
Crossing Road..........................						
Against Signal	1	5	6	50	7	55
In Marked Crosswalk	0	22	5	217	5	239
In Unmarked Crosswalk	0	7	1	50	1	57
No Signal	13	89	19	376	32	465
Not at Crosswalk	18	120	32	367	50	487
With Signal	0	10	0	110	0	120
Other Action						
Against Traffic	4	27	4	51	8	78
Behind/In Front of Parked Vehicle	2	26	2	63	4	89
Getting On/Off Vehicle	0	14	0	31	0	45
Not Stated	11	60	31	473	42	533
Other	3	37	6	103	9	140
Playing in Trafficway	0	5	2	18	2	23
Pushing/Working on Vehicle	2	15	3	14	5	29
Standing/Lying/Sitting in Trafficway	5	27	8	37	13	64
Walking/Running in Trafficway	12	109	18	298	30	407
With Traffic	7	35	6	63	13	98
Working in Trafficway	2	5	0	13	2	18
Total	80	613	143	2,334	223	2,947

*Can be more than one pedestrian action per crash.

Pedestrian by Age

Fatalities			
Age of Fatality	Male	Female	Total*
0-4	2	2	4
5-10	2	2	4
11-14	0	0	0
15	0	0	0
16	0	0	0
17	0	0	0
18	2	0	2
19	0	0	0
20	0	0	0
21-24	3	5	8
25-34	12	5	17
35-44	10	6	16
45-54	16	2	18
55-64	8	2	10
65-74	6	4	10
75+	6	2	8
Unknown	0	0	0
Total	67	30	97

*Pedestrians whose sex is unknown are included in total.

Injuries			
Age of Casualty	Male	Female	Total*
0-4	24	15	39
5-10	30	28	58
11-14	46	29	75
15	17	11	28
16	13	18	31
17	13	11	24
18	22	10	32
19	16	10	26
20	20	14	34
21-24	53	47	100
25-34	128	97	225
35-44	110	65	175
45-54	86	64	150
55-64	101	61	162
65-74	29	41	70
75+	17	10	27
Unknown	21	9	30
Total	746	540	1,286

Alcohol Involvement

Drinking Drivers of Motorized Vehicles Involved in Crashes
Drinking a Probable Contributing Circumstance
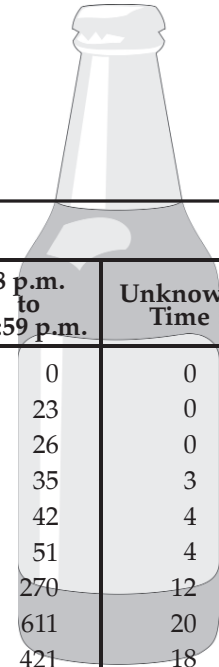
Age of Driver	Hour of Occurrence						
	Midnight to 3:59 a.m.	4 a.m. to 7:59 a.m.	8 a.m. to 11:59 a.m.	Noon to 3:59 p.m.	4 p.m. to 7:59 p.m.	8 p.m. to 11:59 p.m.	Unknown Time
15	0	0	1	1	0	0	0
16	8	1	5	3	5	23	0
17	21	6	3	6	9	26	0
18	44	12	5	5	18	35	3
19	65	17	1	7	18	42	4
20	76	21	4	9	23	51	4
21-24	366	85	27	57	140	270	12
25-34	580	113	59	149	403	611	20
35-44	257	56	51	151	410	421	18
45-54	147	33	48	100	304	354	10
55-64	75	22	41	121	234	210	7
65-74	24	6	9	51	73	69	2
75+	1	1	5	13	33	11	1
Unknown	34	8	2	13	17	31	6
Total	1,698	381	261	686	1,687	2,154	87

   Drinking and Crashes (Includes drivers of all vehicles and pedestrians) - Whether or not a person has been drinking cannot always be determined at the scene of a crash. It is generally impossible to determine the persons who have had one or a few drinks; yet, these individuals may be as much of a hazard as the obvious drunk. Because of the time lapse from the moment of occurrence until an officer arrives at the scene to make the investigation, a person's condition concerning drinking can change a great deal. In cases where the individual may have been removed to a hospital, doctor's office or funeral home, his condition may never be determined.

Alcohol/Drug Involvement	Crash				Persons Involved	
	Fatal	Injury	Property Damage	Total	Killed	Injured
Alcohol Involved..........................	108	1,888	2,967	**4,963**	122	2,607
Drugs Involved............................	54	461	520	**1,035**	60	668
Alcohol & Drugs Involved.........	28	154	176	**358**	34	232
Alcohol Use	19	278	465	**762**	22	445
No Alcohol & Drugs Involved ..	571	33,011	93,281	**126,863**	607	48,489
Unknown......................................	77	3,404	15,960	**19,441**	78	4,829
Total	857	39,196	113,369	**153,422**	923	57,270

Probable Contributing Circumstances

Probable Contributing Circumstance	Crash				Persons Involved		
	Fatal	Injury	Property Damage	Total	Killed	Injured	Total
Alcohol................................	136	2,042	3,143	5,321	156	2,839	2,995
Animal(s) in Roadway...............	6	798	4,933	5,737	6	967	973
Distracted/Inattentive...............	83	5,920	14,893	20,896	87	8,693	8,780
Driver Fatigue/Asleep	16	1,054	1,862	2,932	16	1,370	1,386
Drugs..................................	82	615	696	1,393	94	900	994
Failed to Dim Lights	0	1	17	18	0	1	1
Failed to Secure Load/Improp..	2	46	790	838	2	59	61
Failed to Use Lights	2	61	83	146	2	106	108
Failed to Yield	129	8,367	16,975	25,471	134	13,273	13,407
Following Too Close	24	5,524	17,949	23,497	24	7,994	8,018
Improper Backing	2	157	3,710	3,869	2	223	225
Improper Lane Usage/Change .	189	3,949	12,775	16,913	210	5,661	5,871
Improper Passing	16	422	1,505	1,943	18	651	669
Improper Riding/Clinging to ...	1	23	7	31	1	30	31
Improper Signal...........................	0	72	202	274	0	114	114
Improper Start from Park..........	0	45	222	267	0	71	71
Improper Towing/Pushing	1	21	110	132	1	32	33
Improper Turn	7	1,083	4,119	5,209	7	1,685	1,692
Improperly Parked......................	1	34	358	393	1	50	51
Improperly Stopped On Road...	8	200	492	700	10	313	323
Object/Obstruction in Road	8	265	1,332	1,605	8	408	416
Obstruction on Tracks................	0	0	2	2	0	0	0
Other	52	1,811	4,297	6,160	52	2,597	2,649
Overcorrected	98	1,646	2,232	3,976	105	2,304	2,409
Physical Impairment...................	24	805	676	1,505	24	1,033	1,057
Speed - Exceeded Limit..............	134	1,710	2,017	3,861	156	2,927	3,083
Too Fast for Conditions	183	5,354	10,137	15,674	199	7,703	7,902
Track Defects..............................	0	0	1	1	0	0	0
Unknown.....................................	83	3,469	16,041	19,593	86	4,912	4,998
Vehicle Defects............................	15	938	2,556	3,509	17	1,362	1,379
Violation Signal/Sign	43	2,687	3,687	6,417	47	4,646	4,693
Vision Obstructed........................	12	920	2,494	3,426	12	1,326	1,338
Wrong Side (not passing)	88	710	1,114	1,912	103	1,216	1,319
Wrong Side (one-way)	15	131	168	314	18	226	244
Total...	1,460	50,880	131,595	183,935	1,598	75,692	77,290

*Can be more than one probable contributing circumstance per crash.
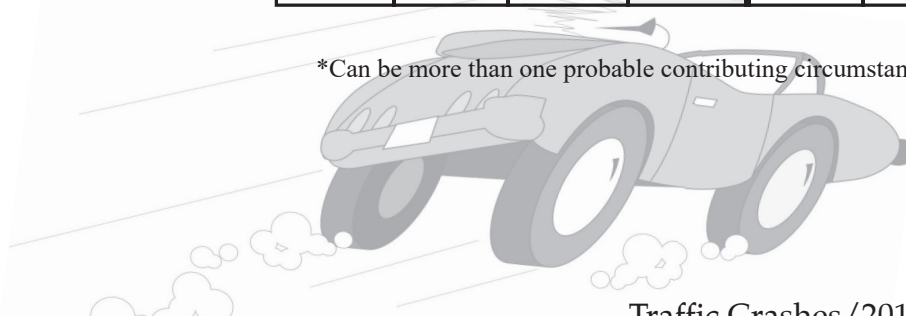
Motorcycle Statistics

State Totals

Killed (Drivers & Passengers) 117
Injured (Drivers & Passengers) 2,161
Crashes 2,474

This includes 3 wheel but not mopeds or all-terrain vehicles (ATVs).

Motorcycle Operators			
Age of Operator	Fatalities	Injuries	Number Involved
11-14	0	4	4
15	0	3	4
16	0	3	3
17	0	28	34
18	4	29	44
19	2	42	55
20	1	40	53
21-24	6	204	252
25-34	25	377	504
35-44	20	308	406
45-54	18	355	481
55-64	21	286	389
65-74	8	122	155
75+	3	19	28
Unknown	0	11	117
Total	108	1,831	2,529

Safety Device Usage

Safety Devices	Drivers		Passengers	
	Killed	Injured	Killed	Injured
Booster Seat	0	1	3	340
Child Restraint - Forward Facing	0	1	4	642
Child Restraint - Rear Facing	0	1	1	238
DOT Compliant Helmet	65	1,406	6	168
No Helmet	17	200	2	37
No Seat Belts	13	308	10	692
Not Applicable	0	0	0	0
Seat Belts Not Used	277	3,578	99	1,791
Other	0	26	0	42
Other Helmet	26	206	0	23
Reflective Clothing	0	3	0	0
Shoulder Belt Only	4	275	0	138
Lap Belt Only	1	108	1	181
Shoulder and Lap Belt	170	29,871	41	10,603
Use Unknown	48	2,895	19	1,308
Total	621	38,879	186	16,203

Vehicle Body Type Analysis

Vehicle Body Type	Vehicle Types Involved			Persons in each Vehicle Type	
	Crash			Drivers/Passengers	
	Fatal	Injury	Property Damage	Killed	Injured
ATV	11	184	41	10	251
Cargo Van	2	236	881	2	347
Construction Equipment/Heavy Machinery	0	23	121	0	29
Farm Implements	5	40	126	5	51
Large Bus (16+ w/Driver)	4	289	1,148	4	691
Limousine (7-8 w/Driver)	0	3	5	0	5
Limousine (9-15 w/Driver)	0	1	12	0	1
Motor Home	0	12	127	0	16
Motorcycle	116	1,897	516	117	2,161
Motorized Bicycle	6	128	42	6	143
Other Heavy Truck	3	65	505	3	88
Other Vehicle	2	70	137	2	100
Passenger Car	515	36,660	98,928	461	40,349
Passenger Van (9+ w/Driver)	2	37	148	2	79
Passenger Van (<9 w/Driver)	54	3,357	8,975	56	5,287
Pedalcycle	9	476	91	9	495
Pickup	249	9,523	28,751	252	13,163
Single Unit Truck, 2 Axels, 6 Tires	18	489	2,072	21	724
Single Unit Truck, 3 or more Axels	17	234	877	17	331
Small Bus (9-15 w/Driver)	3	91	263	6	180
Sport Utility Vehicle	235	15,033	41,422	251	20,242
Train	4	13	17	4	17
Truck Tractor with No Units	3	49	231	6	74
Truck Tractor with One Unit	58	1,043	4,970	56	1,397
Truck Tractor with Three Units	0	2	10	0	3
Truck Tractor with Two Units	1	36	139	1	51
Unknown	10	255	3,888	10	345
Total	1,327	70,246	194,443	1,301	86,620

Urban Traffic Fatalities

City	2016	2017	City	2016	2017	City	2016	2017
Affton	-	0	Glendale	0	0	Park Hills	0	0
Arnold	1	5	Grain Valley	0	0	Parkville	0	1
Aurora	0	4	Grandview	1	1	Perryville	0	0
Ballwin	0	1	Greenwood	0	0	Pevely	0	1
Barnhart	0	0	Hannibal	0	1	Pleasant Hill	0	0
Battlefield	0	0	Harrisonville	1	1	Poplar Bluff	0	0
Bellefontaine Neighbors	2	2	Hazelwood	5	1	Raymore	1	1
Belton	2	0	Independence	13	13	Raytown	3	1
Berkeley	5	3	Jackson	2	0	Republic	3	1
Black Jack	0	0	Jefferson City	2	3	Richmond	0	0
Blue Springs	5	5	Jennings	2	3	Richmond Heights	1	0
Bolivar	2	1	Joplin	4	9	Rolla	3	6
Bonne Terre	0	0	Kansas City	66	98	Savannah	0	0
Boonville	1	0	Kearney	0	0	Sedalia	2	3
Bowling Green	0	0	Kennett	0	1	Shrewsbury	1	2
Branson	1	3	Kirksville	2	4	Sikeston	1	1
Brentwood	0	0	Kirkwood	1	2	Smithville	0	0
Bridgeton	6	1	Ladue	1	0	Spanish Lake	-	0
Cameron	1	0	Lake St. Louis	0	2	Springfield	19	18
Cape Girardeau	4	5	Lebanon	0	0	St. Ann	1	0
Carl Junction	0	0	Lee's Summit	5	4	St. Charles	1	3
Carthage	1	0	Liberty	2	1	St. John	0	1
Caruthersville	0	0	Macon	0	0	St. Joseph	1	9
Charleston	0	0	Manchester	1	3	St. Louis	62	57
Chesterfield	2	2	Maplewood	0	0	St. Peters	2	6
Chillicothe	0	1	Marshall	1	3	Sullivan	0	1
Clayton	0	0	Marshfield	1	0	Sunset Hills	0	3
Clinton	0	1	Maryland Heights	5	2	Town & Country	2	2
Columbia	15	7	Maryville	0	0	Trenton	1	1
Crestwood	0	0	Mehlville	0	-	Troy	1	0
Creve Coeur	1	1	Mexico	1	2	Union	1	1
Dardenne Prairie	0	2	Moberly	0	0	University City	2	2
De Soto	3	0	Monett	0	1	Valley Park	1	0
Dellwood	0	0	Murphy	-	0	Warrensburg	0	0
Des Peres	2	1	Neosho	1	0	Warrenton	0	0
Desloge	1	0	Nevada	0	0	Washington	0	2
Dexter	1	2	Nixa	0	0	Webb City	1	1
Ellisville	0	0	Normandy	0	0	Webster Groves	0	0
Eureka	0	0	O'Fallon	1	3	Weldon Spring	1	0
Excelsior Springs	0	0	Oak Grove	2	2	Wentzville	1	0
Farmington	2	0	Oakville	-	-	West Plains	2	2
Ferguson	2	4	Odessa	0	0	Wildwood	4	6
Festus	2	3	Olivette	0	0	Willard	1	0
Florissant	3	4	Overland	0	0			
Fulton	1	1	Ozark	0	0			
Gladstone	1	2	Pacific	2	0	Totals	308	353

Note: Crashes occurring within cities of 5,000 or more population are classified as urban.

Urban and Rural Comparison

Urban Crashes in Missouri

Type of Crash	Fatal	Injury	Property Damage	Total
Animal	2	78	817	897
Animal Drawn Veh/Animal Ridden for Trans.	0	2	1	3
Cargo/Equipment Loss/Shift	0	4	53	57
Fell/Jumped from Motor Vehicle	2	50	6	58
Fire/Explosion	0	0	44	44
Fixed Object	87	3,580	9,528	13,195
Immersion	0	2	4	6
Jackknife	0	0	22	22
Motor Vehicle in Transport	154	19,769	55,486	75,409
Other Non-Collision	0	42	172	214
Other Object	2	102	705	809
Overturn	14	405	231	650
Parked Motor Vehicle	3	651	7,741	8,395
Pedalcycle	7	393	79	479
Pedestrian	57	905	86	1,048
Railway Vehicle	1	4	5	10
Working Motor Vehicle	0	16	74	90
Total	329	26,003	75,054	101,386

Rural Crashes in Missouri

Type of Crash	Fatal	Injury	Property Damage	Total
Animal	5	346	3,668	4,019
Animal Drawn Veh/Animal Ridden for Trans.	1	12	14	27
Cargo/Equipment Loss/Shift	1	1	58	60
Fell/Jumped from Motor Vehicle	5	46	4	55
Fire/Explosion	0	6	201	207
Fixed Object	225	5,165	10,359	15,749
Immersion	0	5	18	23
Jackknife	0	6	82	88
Motor Vehicle in Transport	182	5,761	19,953	25,896
Other Non-Collision	5	65	223	293
Other Object	4	75	786	865
Overturn	61	1,243	901	2,205
Parked Motor Vehicle	2	122	1,883	2,007
Pedalcycle	2	77	12	91
Pedestrian	30	235	17	282
Railway Vehicle	3	9	11	23
Working Motor Vehicle	2	19	125	146
Total	528	13,193	38,315	52,036

*Can be more than one vehicle type per crash.

Missouri Crashes

Type of Crash	Fatalities	All Crashes
Motor Vehicle in Transport	377	101,305
Fixed Object	332	28,944
Parked Motor Vehicle	5	10,402
Animal	7	4,916
Overturn	79	2,855
Other Object	6	1,674
Pedestrian..	88	1,330
Pedalcycle	9	570
Other Non Collision..	5	507
Fire/Explosion..	0	251
Working Motor Vehicle	2	236
Fell/Jumped from Motor Vehicle	1	117
Cargo/Equipment Loss/Shift..........................	7	113
Jackknife	0	110
Immersion	4	33
Railway Vehicle	1	30
Animal Drawn Vehicle/Animal Ridden for Trans. ...	0	29
Total	**923**	**153,422**

Total Crashes...153,422
Total Fatal Crashes 857
Total Persons Killed 923

The type of crash is determined by the first harmful event.

Holiday Fatalities

Holiday	Year	Killed	Reporting Hours	Period
Memorial Day	2016	13	78	From 6:00 p.m., Friday, May 27, to Midnight, Monday, May 30.
	2017	8	78	From 6:00 p.m., Friday, May 26, to Midnight, Monday, May 29.
4th of July	2016	5	78	From 6:00 p.m., Friday, July 1, to Midnight, Monday, July 4.
	2017	26	102	From 6:00 p.m., Friday, June 30, to Midnight, Tuesday, July 4.
Labor Day	2016	20	78	From 6:00 p.m., Friday, September 2, to Midnight, Monday, September 5.
	2017	11	78	From 6:00 p.m., Friday, September 1, to Midnight, Monday, September 4.
Thanksgiving	2016	14	102	From 6:00 p.m., Wednesday, November 23, to Midnight, Sunday, November 27.
	2017	17	102	From 6:00 p.m., Wednesday, November 22, to Midnight, Sunday, November 26.
Christmas	2016	6	78	From 6:00 p.m., Friday, December 23, to Midnight, Monday, December 26.
	2017	7	78	From 6:00 p.m., Friday, December 22, to Midnight, Monday, December 25.
New Year	2016	8	78	From 6:00 p.m., Friday, December 30, 2016, to Midnight, Monday, January 2, 2017.
	2017	9	78	From 6:00 p.m., Friday, December 29, 2017, to Midnight, Monday, January 1, 2018.

2018 Statistics

Interesting Statistics

- In 2018 there were 921 persons killed in traffic crashes in the State of Missouri, 2 (-.2%) less than in 2017. There was a increase of about 1.6% in total crashes statewide compared to 2017.

- Alcohol/drugs and speeding are the two highest Probable Contributing Circumstance in fatal crashes. Of all fatal crashes, 36.6% involved speed and 23.2% involved alcohol/drugs.

- Of all persons killed in Missouri traffic crashes in 2018 , 344 (37.4%) were in the 15-35 age group. The age group most overrepresented in Missouri fatal traffic crashes is 15-24 group (179 killed, 19.4% of the total).

- It is interesting to note that in known cases only 17.9% of all traffic crashes occurred during inclement weather (rain, snow, sleet/hail, freezing temp., fog or mist).

- Of all traffic crashes reported statewide, 74.9% were property damage only.

- Of all traffic crashes 71.5% occurred during the daylight hours and 74.7% occurred on dry pavement.

- Of all fatal Missouri traffic crashes, 58.1% involved only one vehicle.

- Jackson County recorded the most traffic fatalities with 90.
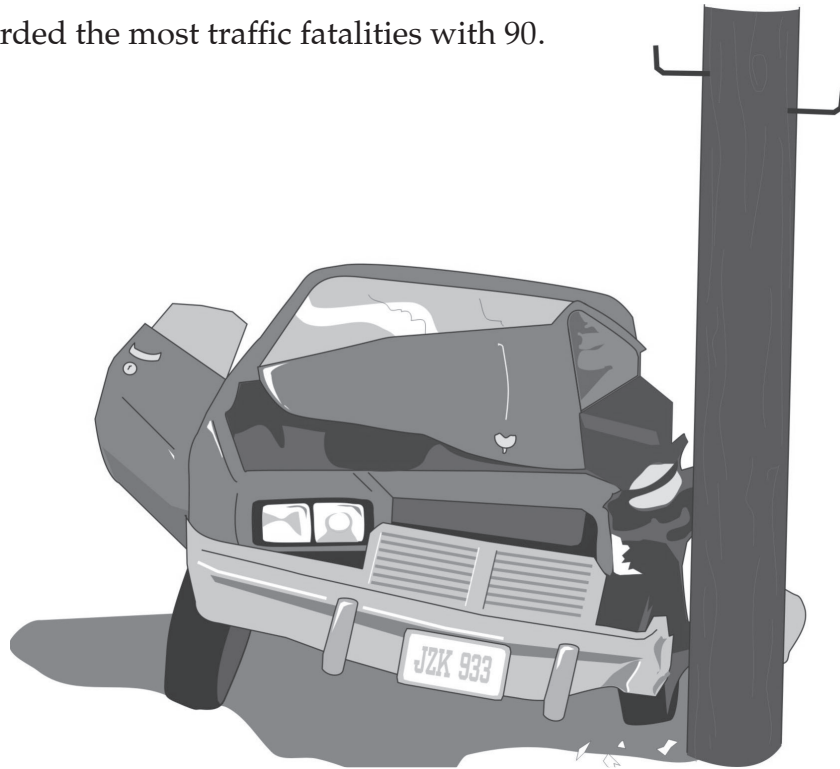
It is hoped that the information in this booklet will be of value to you.
Certainly it is the most comprehensive look available at the crash problem in Missouri.

Traffic Safety Statistics
1991 - 2018

Year	Killed	Injured	Economic Loss	Licensed Drivers	Vehicles Registered	Miles Traveled	Death[1] Rate	Injury[2] Rate
1992	985	0,550	1,981,940,000	3,454,548	4,039,447	53,108,000,000	1.9	134.7
1993	949	77,521	2,561,332,000	3,499,278	4,097,716	54,821,000,000	1.7	143.1
1994	1,089	81,046	3,068,532,000	3,382,050	4,206,637	57,287,000,000	1.9	143.4
1995	1,109	81,114	3,169,354,000	3,688,225	4,250,708	59,115,000,000	1.9	139.2
1996	1,148	82,695	3,065,763,000	3,797,574	4,381,105	61,007,000,000	1.9	137.4
1997	1,192	81,515	2,949,793,200 [3]	3,832,875	4,339,101	62,979,000,000	1.9	131.3
1998	1,169	79,746	3,240,900,000 [3]	3,935,879	4,405,307	64,533,000,000	1.8	125.4
1999	1,094	78,317	3,167,302,800 [3]	3,983,650*	4,429,689	66,856,000,000	1.6	118.8
2000	1,157	76,328	3,238,775,300	4,006,790	4,612,009	66,905,000,000	1.7	115.8
2001	1,098	73,618	3,205,958,600	4,019,869	4,244,980	67,635,000,000	1.6	110.5
2002	1,208	72,640	3,398,495,400	4,118,933	4,413,717	68,162,000,000	1.8	108.3
2003	1,232	69,147	3,431,654,000	4,186,002	4,416,352	67,929,000,000	1.8	103.6
2004	1,130	68,654	3,699,864,000	4,262,059	4,928,515	68,300,000,000	1.7	102.2
2005	1,257	66,424	3,713,459,000	4,284,187	4,722,723	68,754,000,000	1.8	98.4
2006	1,096	62,120	3,492,730,000	4,281,710	5,105,733	68,834,000,000	1.6	91.8
2007	992	60,012	3,508,413,000	4,446,471	5,069,869	69,150,000,000	1.4	88.2
2008	960	55,159	3,182,874,600	4,380,292	5,150,584	72,560,000,000	1.3	76.0
2009	878	53,836	3,318,707,000	4,414,942	5,157,017	69,096,000,000	1.3	79.2
2010	821	54,893	3,201,711,600	4,437,280	5,136,835	70,630,000,000	1.2	78.9
2011	786	51,062	3,213,233,000	4,489,653	5,318,607	68,787,970,653	1.1	74.3
2012	826	50,381	3,299,083,100	4,340,544	6,015,145	68,402,691,574	1.2	74.9
2013	757	49,533	3,232,943,118	4,413,066	5,310,646	69,327,888,701	1.1	71.5
2014	766	47,987	3,187,381,578	4,425,767	5,313,787	70,937,233,272	1.1	67.7
2015	870	53,910	3,983,810,400	4,438,957	5,715,501	71,896,933,990	1.2	76.2
2016	947	57,811	4,344,588,200	4,250,986	6,949,214	74,521,859,835	1.3	78.9
2017	923	57,270	**	4,271,518	**	75,911,309,350	1.2	76.1
2018	921	55,660	**	**	**	76,057,640,405	1.2	74.4

[1] Number of deaths per 100 million miles of vehicle travel.
[2] Number of deaths and injuries per 100 million miles of vehicle travel.
[3] The 1995 cost figures have been calculated using a different National Safety Council cost estimate formula. The 1993 and 1994 cost figures also have been recomputed using this formula. As a result, the 1993 and 1994 costs displayed in this publication are different than those previously published. 1993 - 1995 costs are not comparable to prior years since different cost formulas were utilized.

*Updated 1996 Licensed Drivers 3,797,574   **Information No Longer Available

Statewide Deaths by Month

	2014	2015	2016	2017	2018
January	47	66	71	64	69
February	34	42	54	58	54
March	65	60	77	78	67
April	61	73	73	78	65
May	77	64	65	62	91
June	67	80	81	85	80
July	72	78	86	86	85
August	65	92	75	85	108
September	62	68	123	79	86
October	66	92	87	91	73
November	86	86	76	77	69
December	64	69	79	80	74
TOTAL	766	870	947	923	921

Statewide Traffic Deaths by County

These numbers include both rural and urban traffic deaths for each county and the City of St. Louis. The City of St. Louis is carried separately because it is not located within a county.

10 year average (the average deaths per year for the last ten year) -- +/- (increase or decrease of traffic fatalities in each county from the year 2016 to 2017. If there is no change it will be indicated by a 0)

County	2018	10 year Average	+/-	County	2018	10 year Average	+/-
Adair	2	2.8	-3	Cape Girardeau	4	8.6	-9
Andrew	7	4.1	5	Carroll	7	2.3	3
Atchison	1	0.7	0	Carter	3	2.8	3
Audrain	7	4.5	0	Cass	19	11.4	10
Barry	13	9.1	6	Cedar	5	2.3	2
Barton	0	2.1	0	Chariton	1	1.2	0
Bates	4	2.8	2	Christian	12	9.7	0
Benton	2	4.3	2	Clark	3	2.3	1
Bollinger	2	2.7	-1	Clay	26	20.2	7
Boone	18	16.2	1	Clinton	4	2.8	2
Buchanan	11	8.3	-1	Cole	4	7.2	0
Butler	5	8.6	-8	Cooper	8	3.0	7
Caldwell	1	2.1	0	Crawford	2	4.6	-5
Callaway	7	9.4	-2	Dade	1	1.7	-3
Camden	16	9.2	10	Dallas	2	2.9	-3

Statewide Traffic Deaths by County

County	2018	10 year Average	+/-	County	2018	10 year Average	+/-
Daviess	4	2.2	-3	Nodaway	3	3.5	0
DeKalb	5	3.0	1	Oregon	5	2.9	3
Dent	5	4.0	2	Osage	2	2.4	1
Douglas	7	3.1	3	Ozark	1	2.7	-3
Dunklin	5	7.3	-4	Pemiscot	2	6.4	-3
Franklin	26	21.3	12	Perry	7	4.4	4
Gasconade	4	4.4	0	Pettis	12	9.5	2
Gentry	1	0.8	1	Phelps	11	10.9	-10
Greene	31	31.0	-1	Pike	2	3.9	0
Grundy	1	1.9	0	Platte	9	11.8	-12
Harrison	1	2.1	-2	Polk	10	6.8	6
Henry	1	4.3	-4	Pulaski	6	7.3	-1
Hickory	4	2.7	1	Putnam	0	1.0	-2
Holt	1	1.5	0	Ralls	1	2.7	0
Howard	4	2.1	3	Randolph	6	4.1	1
Howell	12	10.1	4	Ray	10	4.1	6
Iron	3	2.8	0	Reynolds	1	2.6	-3
Jackson	90	80.6	-21	Ripley	1	4.2	-4
Jasper	18	15.1	6	Saline	2	3.9	-4
Jefferson	28	30.6	-7	Schuyler	0	1.1	0
Johnson	10	8.4	-3	Scotland	3	0.9	2
Knox	0	1.2	0	Scott	7	6.0	4
Laclede	14	7.6	11	Shannon	4	2.9	3
Lafayette	11	6.3	6	Shelby	0	1.0	-1
Lawrence	12	9.7	1	St. Charles	41	27.3	4
Lewis	0	1.6	-1	St. Clair	2	3.3	1
Lincoln	8	9.3	0	St. Francois	4	11.1	-5
Linn	3	2.3	-1	St. Louis	78	62.4	-6
Livingston	4	2.5	1	St. Louis City	52	46.8	-5
Macon	5	2.4	1	Ste. Genevieve	5	4.9	-4
Madison	3	2.7	1	Stoddard	5	7.0	-2
Maries	1	3.2	-3	Stone	7	8.2	-1
Marion	4	4.0	2	Sullivan	5	1.7	3
McDonald	8	7.0	0	Taney	18	10.7	7
Mercer	1	1.2	0	Texas	5	7.1	-2
Miller	5	9.0	1	Vernon	4	4.1	1
Mississippi	4	3.1	1	Warren	1	6.1	-2
Moniteau	2	2.6	-1	Washington	8	9.1	1
Monroe	2	1.8	2	Wayne	1	4.0	-3
Montgomery	2	4.3	-3	Webster	5	6.5	-1
Morgan	6	5.4	2	Worth	1	0.6	1
New Madrid	5	7.2	-5	Wright	1	2.9	-1
Newton	15	15.0	-6	**TOTAL**	**921**	**849.4**	**-2**

Crashes by Day and Hour
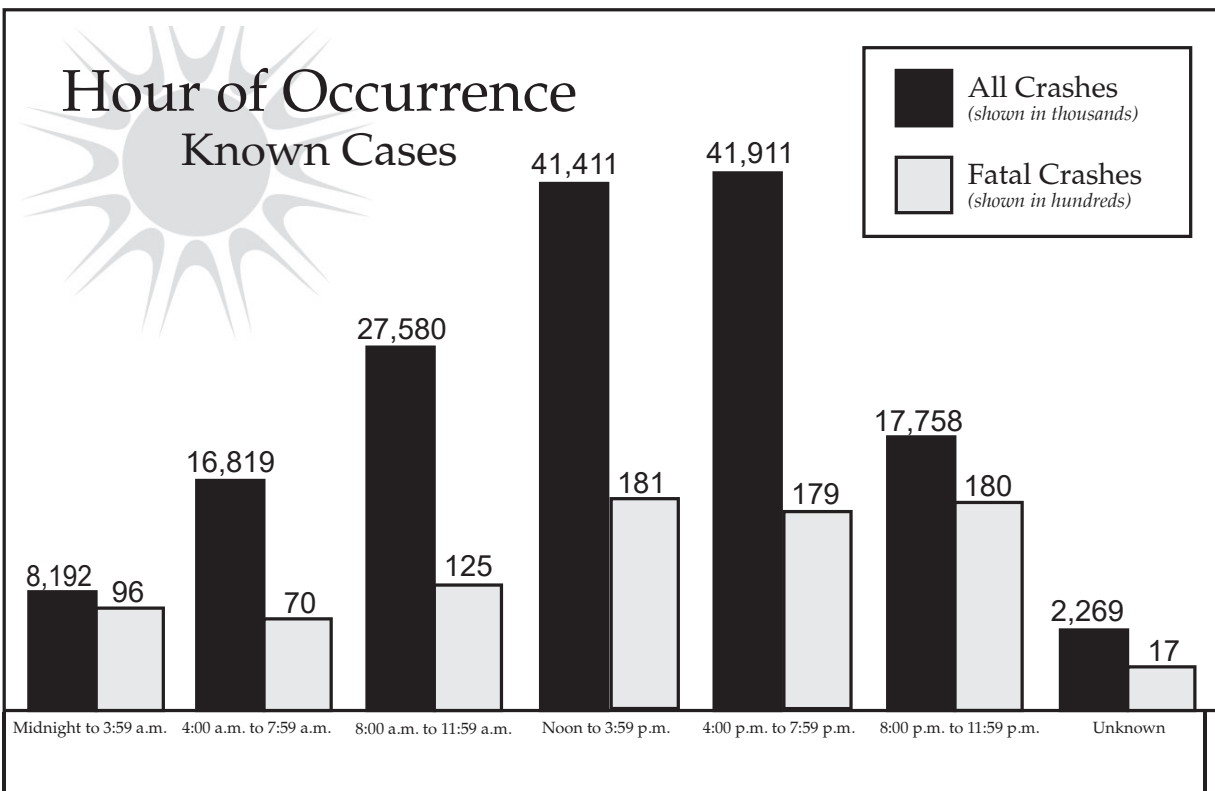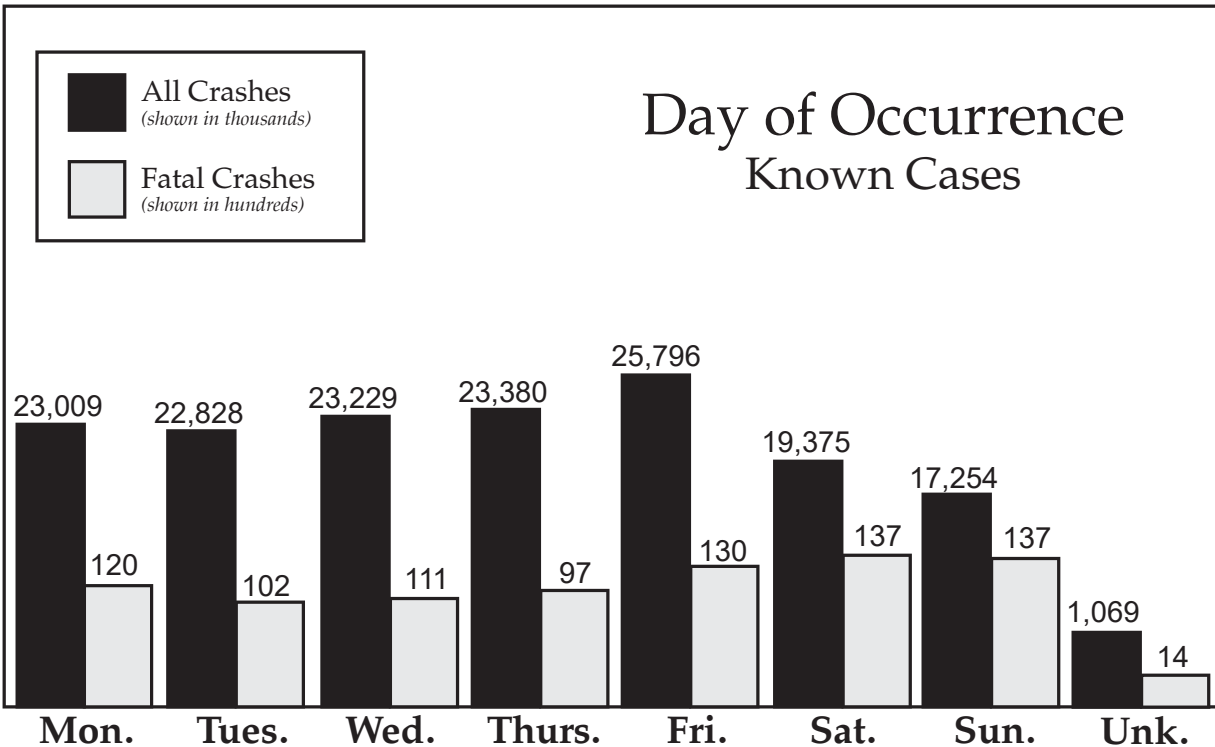
Day of Occurrence
Known Cases

Legend:
- All Crashes *(shown in thousands)*
- Fatal Crashes *(shown in hundreds)*

Day	All Crashes	Fatal Crashes
Mon.	23,009	120
Tues.	22,828	102
Wed.	23,229	111
Thurs.	23,380	97
Fri.	25,796	130
Sat.	19,375	137
Sun.	17,254	137
Unk.	1,069	14

Hour of Occurrence
Known Cases

Legend:
- All Crashes *(shown in thousands)*
- Fatal Crashes *(shown in hundreds)*

Hour	All Crashes	Fatal Crashes
Midnight to 3:59 a.m.	8,192	96
4:00 a.m. to 7:59 a.m.	16,819	70
8:00 a.m. to 11:59 a.m.	27,580	125
Noon to 3:59 p.m.	41,411	181
4:00 p.m. to 7:59 p.m.	41,911	179
8:00 p.m. to 11:59 p.m.	17,758	180
Unknown	2,269	17

Road, Weather, Light Conditions and Miscellaneous Information

Statewide Traffic Crashes

Road Conditions

Road Conditions	Fatal Crashes	All Crashes
Dry	693	119,796
Ice/Frost	25	5,062
Moving Water	2	55
Mud/Dirt	2	97
Other	2	115
Sand/Gravel	3	260
Slush	2	939
Snow	21	4,006
Standing Water	1	215
Unknown	7	1,701
Wet	118	28,115
Total	876	160,361

Can be more than one road condition per crash.

Weather Conditions

Weather Conditions	Fatal Crashes	All Crashes
Clear	528	96,818
Cloudy	242	37,593
Rain	59	16,962
Snow	24	4,098
Sleet/Hail	4	972
Freezing Temperature	49	6,179
Fog or Mist	14	2,054
Severe Crosswind	1	128
Other	0	51
Unknown	9	4,385
Total	930	169,240

Light Conditions

Light Conditions	Fatal Crashes	All Crashes
Dark - Lighted	129	24,588
Dark - Unknown Lighting	0	973
Dark - Unlighted	237	17,431
Daylight	472	111,763
Other	3	90
Unknown	7	1,095
Total	848	155,940

Miscellaneous Information

In Known Cases	Crashes Fatal	Crashes All
Defective vehicles involved	20	3,351
Driver left the scene	29	23,805
Drivers with physical impairment	28	1,490
Hazardous material involved	6	117
Hazardous material released/spilled	1	29
Occurred at intersection	145	31,571
Occurred off roadway	368	42,804
Occurred on roadway	480	113,136
One vehicle crashes	493	129,772
Speed a contributing circumstance	327	230,222

Crash Type

Statewide Traffic Crashes in Missouri

Type of Crash	Statewide Crashes				Persons Involved		
	Fatal	Injury	Property Damage	Total	Killed	Injured	Total
Animal	7	421	4,468	4,896	7	511	518
Animal Drawn Veh/Animal Ridden for Trans....	0	3	15	18	0	7	7
Cargo/Equipment Loss/Shift.........................	0	3	95	98	0	4	4
Fell/Jumped from Motor Vehicle	6	88	8	102	6	91	97
Fire/Explosion..	0	3	246	249	0	3	3
Fixed Object	296	8,270	21,686	30,252	309	10,354	10,663
Immersion	1	2	20	23	1	4	5
Jackknife	0	13	165	178	0	16	16
Motor Vehicle in Transport..........................	347	25,344	77,244	102,935	401	39,627	40,028
Other Non-Collision	4	100	387	491	4	133	137
Other Object	7	142	1,392	1,541	7	181	188
Overturn...	81	1,568	1,189	2,838	84	1,993	2,077
Parked Motor Vehicle	7	794	9,431	10,232	8	1,000	1,008
Pedalcycle..	3	428	72	503	3	440	443
Pedestrian...	81	1,138	98	1,317	83	1,217	1,300
Railway Vehicle	7	10	33	50	7	17	24
Working Motor Vehicle	1	30	186	217	1	62	63
Total...	848	38,357	116,735	155,940	921	55,660	56,581

Note: The type of crash is determined by the first harmful event.

Age of Killed/Injured and Drivers

Killed/Injured
By Age Group

Age of Person	Killed	Injured	Total
0 - 4	7	1,111	1,118
5 - 10	5	1,629	1,634
11 - 14	4	1,267	1,271
15	7	511	518
16	15	1,216	1,231
17	15	1,405	1,420
18	18	1,606	1,624
19	21	1,471	1,492
20	15	1,396	1,411
21 - 24	88	5,343	5,431
25 - 34	165	11,355	11,520
35 - 44	116	7,960	8,076
45 - 54	135	6,773	6,908
55 - 64	136	6,490	6,626
65 - 74	81	3,565	3,646
75+	91	2,082	2,173
Unknown	2	480	482
Total	921	55,660	56,581

Age of Drivers of Motorized Vehicles Involved in Crashes

Age of Driver	Number Involved	Fatal Crashes	Injury Crashes	Property Damage Crashes
0 - 4	3	0	1	2
5 - 10	13	0	6	7
11 - 14	76	0	38	38
15	332	2	93	237
16	5,364	15	1,279	4,070
17	6,195	14	1,498	4,683
18	7,013	21	1,854	5,138
19	6,504	23	1,821	4,660
20	6,417	23	1,750	4,644
21 - 24	25,578	132	6,716	18,730
25 - 34	54,804	271	14,865	39,668
35 - 44	40,702	209	10,843	29,650
45 - 54	35,073	194	9,222	25,657
55 - 64	31,944	193	8,532	23,219
65 - 74	17,485	100	4,649	12,736
75+	9,514	99	2,564	6,851
Unknown	22,773	35	3,106	19,632
Total	269,790	1,331	68,837	199,622

Crashes by Class of Trafficway

Statewide Motor Vehicle Traffic Crashes

Classification of Trafficway	Crashes				Persons Involved		
	Fatal	Injury	Property Damage	Total	Killed	Injured	Total
Interstate.............................	126	4,776	16,662	21,564	135	6,899	7,034
U.S. Roadway	132	3,459	9,495	13,086	150	5,195	5,345
State Numbered..................	197	5,449	15,179	20,825	217	8,095	8,312
Single State Lettered	89	2,123	5,105	7,317	101	2,998	3,099
Double State Lettered	28	914	1,996	2,938	28	1,282	1,310
County Road	88	2,754	8,290	11,132	93	3,846	3,939
City Street	164	17,028	52,513	69,705	170	24,925	25,095
Other	24	1,854	7,495	9,373	27	2,420	2,447
Total...................................	848	38,357	116,735	155,940	921	55,660	56,581

People Killed

Driver 644
Passenger......... 177
Pedestrian.......... 97
Pedalcyclist.......... 3
Other/Unknown ... 0

Pedestrian Information

Pedestrian Action	Rural		Urban		Total	
	Killed	Injured	Killed	Injured	Killed	Injured
Crossing Road..						
Against Signal	0	5	5	64	5	69
In Marked Crosswalk	0	22	6	255	6	277
In Unmarked Crosswalk	1	7	0	57	1	64
No Signal	8	90	25	372	33	462
Not at Crosswalk	8	114	39	346	47	460
With Signal	0	11	1	139	1	150
Other Action						
Against Traffic	4	22	2	49	6	71
Behind/In Front of Parked Vehicle	5	41	4	64	9	105
Getting On/Off Vehicle	1	9	0	27	1	36
Not Stated	8	61	43	481	51	542
Other	1	33	1	88	2	121
Playing in Trafficway	0	5	0	15	0	20
Pushing/Working on Vehicle	1	9	2	11	3	20
Standing/Lying/Sitting in Trafficway	4	33	8	50	12	83
Walking/Running in Trafficway	12	80	13	320	25	400
With Traffic	7	34	2	48	9	82
Working in Trafficway	0	15	1	16	1	31
Total	60	591	152	2,402	212	2,993

*Can be more than one pedestrian action per crash.

Pedestrian by Age

Fatalities			
Age of Fatality	Male	Female	Total*
0-4	0	1	1
5-10	1	1	2
11-14	1	0	1
15	1	0	1
16	3	0	3
17	0	0	0
18	1	2	3
19	0	2	2
20	0	0	0
21-24	3	2	5
25-34	6	7	13
35-44	13	6	19
45-54	15	3	18
55-64	14	1	15
65-74	10	2	12
75+	2	0	2
Unknown	0	0	0
Total	70	27	97

Injuries			
Age of Casualty	Male	Female	Total*
0-4	8	14	22
5-10	44	25	69
11-14	44	20	64
15	3	12	15
16	12	11	23
17	26	6	32
18	14	11	25
19	12	16	28
20	11	9	20
21-24	60	44	104
25-34	137	82	219
35-44	114	93	207
45-54	103	66	169
55-64	85	62	147
65-74	52	33	85
75+	24	14	38
Unknown	8	4	12
Total	757	522	1,279

*Pedestrians whose sex is unknown are included in total.

Alcohol Involvement

Drinking Drivers of Motorized Vehicles Involved in Crashes
Drinking a Probable Contributing Circumstance
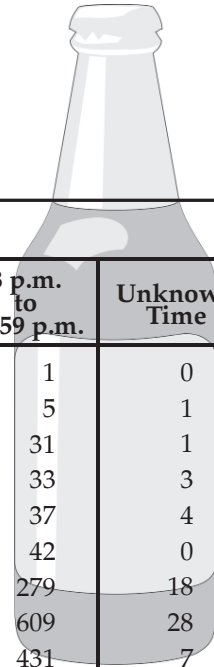
| Age of Driver	Hour of Occurrence						
	Midnight to 3:59 a.m.	4 a.m. to 7:59 a.m.	8 a.m. to 11:59 a.m.	Noon to 3:59 p.m.	4 p.m. to 7:59 p.m.	8 p.m. to 11:59 p.m.	Unknown Time
15	2	1	1	0	1	1	0
16	6	1	0	3	2	5	1
17	22	6	2	2	8	31	1
18	41	7	4	5	16	33	3
19	40	17	3	9	14	37	4
20	48	20	2	14	31	42	0
21-24	350	78	19	46	132	279	18
25-34	519	97	65	144	411	609	28
35-44	286	54	47	144	349	431	7
45-54	154	34	62	138	295	286	10
55-64	75	27	49	120	241	199	3
65-74	23	7	14	38	103	85	3
75+	4	1	3	13	20	15	0
Unknown	21	3	3	6	18	27	0
Total	1,591	353	274	682	1,641	2,080	78

Drinking and Crashes (Includes drivers of all vehicles and pedestrians) - Whether or not a person has been drinking cannot always be determined at the scene of a crash. It is generally impossible to determine the persons who have had one or a few drinks; yet, these individuals may be as much of a hazard as the obvious drunk. Because of the time lapse from the moment of occurrence until an officer arrives at the scene to make the investigation, a person's condition concerning drinking can change a great deal. In cases where the individual may have been removed to a hospital, doctor's office or funeral home, his condition may never be determined.

Alcohol/Drug Involvement	Crash				Persons Involved	
	Fatal	Injury	Property Damage	Total	Killed	Injured
Alcohol Involved.........................	107	1,830	2,891	**4,828**	115	2,508
Drugs Involved............................	60	411	562	**1,033**	70	617
Alcohol & Drugs Involved.........	30	152	172	**354**	34	247
Alcohol Use..................................	18	282	464	**764**	21	444
No Alcohol & Drugs Involved ..	565	32,144	96,153	**128,862**	611	46,753
Unknown......................................	68	3,538	16,493	**20,099**	70	5,091
Total	848	38,357	116,735	**155,940**	921	55,660

Probable Contributing Circumstances

Probable Contributing Circumstance	Crash				Persons Involved		
	Fatal	Injury	Property Damage	Total	Killed	Injured	Total
Alcohol..	137	1,982	3,063	5,182	149	2,755	2,904
Animal(s) in Roadway................	11	773	5,029	5,813	11	961	972
Distracted/Inattentive................	82	5,327	14,467	19,876	87	7,664	7,751
Driver Fatigue/Asleep	20	999	1,708	2,727	21	1,294	1,315
Drugs...	90	563	734	1,387	104	864	968
Failed to Dim Lights	0	5	14	19	0	8	8
Failed to Secure Load/Improp..	1	39	736	776	1	47	48
Failed to Use Lights	3	81	81	165	3	135	138
Failed to Yield	130	8,153	17,772	26,055	144	12,785	12,929
Following Too Close	28	5,393	17,728	23,149	30	7,801	7,831
Improper Backing	1	155	3,494	3,650	1	204	205
Improper Lane Usage/Change .	174	3,771	12,766	16,711	195	5,403	5,598
Improper Passing	22	423	1,599	2,044	29	656	685
Improper Riding/Clinging to ...	3	21	6	30	3	29	32
Improper Signal............................	0	58	217	275	0	89	89
Improper Start from Park...........	0	34	171	205	0	48	48
Improper Towing/Pushing	0	14	83	97	0	17	17
Improper Turn	10	1,087	4,206	5,303	10	1,656	1,666
Improperly Parked......................	0	45	377	422	0	63	63
Improperly Stopped On Road ...	10	236	574	820	12	382	394
Object/Obstruction in Road	10	266	1,350	1,626	10	374	384
Obstruction on Tracks.................	0	0	3	3	0	0	0
Other	46	1,747	4,679	6,472	51	2,437	2,488
Overcorrected	90	1,468	2,189	3,747	94	2,037	2,131
Physical Impairment...................	28	767	695	1,490	29	1,002	1,031
Speed - Exceeded Limit..............	128	1,712	1,928	3,768	148	2,828	2,976
Too Fast for Conditions	199	5,811	13,244	19,254	224	8,396	8,620
Unknown..	73	3,615	16,582	20,270	75	5,192	5,267
Vehicle Defects............................	20	827	2,504	3,351	23	1,189	1,212
Violation Signal/Sign	44	2,757	3,692	6,493	46	4,661	4,707
Vision Obstructed........................	20	933	2,768	3,721	22	1,442	1,464
Wrong Side (not passing)	90	648	1,056	1,794	108	1,136	1,244
Wrong Side (one-way)	12	102	183	297	14	206	220
Total..	1,482	49,812	135,698	186,992	1,644	73,761	75,405

*Can be more than one probable contributing circumstance per crash.
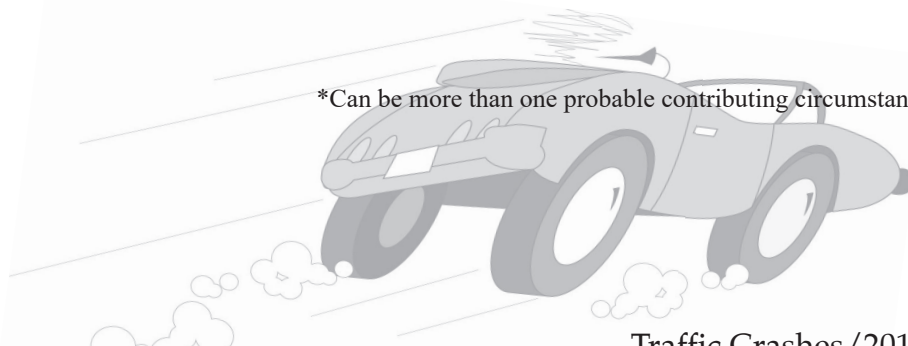
Motorcycle Statistics

State Totals

Killed (Drivers & Passengers) 108
Injured (Drivers & Passengers) 1,990
Crashes 2,235

This includes 3 wheel but not mopeds or all-terrain vehicles (ATVs).

Motorcycle Operators			
Age of Operator	Fatalities	Injuries	Number Involved
5-10	0	1	2
11-14	0	2	2
15	0	3	4
16	0	13	13
17	0	16	19
18	1	27	39
19	3	41	52
20	2	30	42
21-24	10	169	217
25-34	18	376	474
35-44	16	281	369
45-54	18	286	379
55-64	17	289	394
65-74	8	116	158
75+	2	8	16
Unknown	0	23	111
Total	95	1,681	2,291

Safety Device Usage

Safety Devices	Drivers		Passengers	
	Killed	Injured	Killed	Injured
Booster Seat	0	0	1	332
Child Restraint - Forward Facing	0	0	3	634
Child Restraint - Rear Facing	0	2	1	231
DOT Compliant Helmet	65	1,322	10	155
No Helmet	11	182	1	23
No Seat Belts	11	288	4	749
Not Applicable	0	0	0	1
Seat Belts Not Used	302	3,535	91	1,632
Other	3	19	0	40
Other Helmet	20	191	1	12
Reflective Clothing	0	4	0	0
Shoulder Belt Only	1	261	0	102
Lap Belt Only	2	98	4	187
Shoulder and Lap Belt	182	29,476	48	10,157
Use Unknown	40	2,790	12	1,196
Total	637	38,168	176	15,451

A person can have up to 2 safety devices.

Vehicle Body Type Analysis

Vehicle Body Type	Vehicle Types Involved			Persons in each Vehicle Type	
	Crash			Drivers/Passengers	
	Fatal	Injury	Property Damage	Killed	Injured
ATV	17	157	46	16	218
Cargo Van	3	269	987	4	386
Construction Equipment/Heavy Machinery	0	22	104	0	33
Farm Implements	6	46	130	6	64
Large Bus (16+ w/Driver)	6	326	1,118	8	841
Limousine (7-8 w/Driver)	0	2	0	0	2
Limousine (9-15 w/Driver)	0	1	3	0	1
Motor Home	0	21	107	0	28
Motorcycle	110	1,724	457	108	1,990
Motorized Bicycle	5	109	26	5	112
Other Heavy Truck	0	46	382	0	56
Other Vehicle	3	42	131	3	62
Passenger Car	482	35,218	99,126	434	38,698
Passenger Van (9+ w/Driver)	2	45	164	4	86
Passenger Van (<9 w/Driver)	53	3,137	8,733	63	4,870
Pedalcycle	3	430	72	3	441
Pickup	244	9,534	29,534	251	12,855
Single Unit Truck, 2 Axels, 6 Tires	25	538	2,427	28	785
Single Unit Truck, 3 or more Axels	9	234	913	9	311
Small Bus (9-15 w/Driver)	0	81	361	0	153
Sport Utility Vehicle	266	15,716	44,818	279	20,904
Train	7	13	34	7	20
Truck Tractor with No Units	5	47	286	5	68
Truck Tractor with One Unit	80	1,204	5,559	74	1,607
Truck Tractor with Three Units	1	3	16	4	3
Truck Tractor with Two Units	1	30	141	1	39
Unknown	13	288	4,067	13	389
Total	1,341	69,283	199,742	1,325	85,022

Urban Traffic Fatalities

City	2017	2018	City	2017	2018	City	2017	2018
Affton	0	-	Gladstone	2	1	Pacific	0	1
Arnold	5	0	Glendale	0	0	Park Hills	0	0
Aurora	4	1	Grain Valley	0	0	Parkville	1	2
Ballwin	1	1	Grandview	1	3	Perryville	0	1
Barnhart	0	0	Greenwood	0	0	Pevely	1	0
Battlefield	0	0	Hannibal	1	1	Pleasant Hill	0	0
Bellefontaine Neighbors	2	6	Harrisonville	1	1	Poplar Bluff	0	1
Belton	0	7	Hazelwood	1	1	Raymore	1	1
Berkeley	3	7	Independence	13	8	Raytown	1	0
Black Jack	0	0	Jackson	0	0	Republic	1	0
Blue Springs	5	5	Jefferson City	3	1	Richmond	0	2
Bolivar	1	1	Jennings	3	1	Richmond Heights	0	0
Bonne Terre	0	0	Joplin	9	9	Rolla	6	1
Boonville	0	0	Kansas City	98	83	Savannah	0	0
Bowling Green	0	0	Kearney	0	0	Sedalia	3	0
Branson	3	3	Kennett	1	0	Shrewsbury	2	0
Brentwood	0	0	Kirksville	4	1	Sikeston	1	2
Bridgeton	1	3	Kirkwood	2	2	Smithville	0	0
Cameron	0	0	Ladue	0	0	Spanish Lake	0	0
Cape Girardeau	5	2	Lake St. Louis	2	3	Springfield	18	18
Carl Junction	0	0	Lebanon	0	3	St. Ann	0	0
Carthage	0	1	Lee's Summit	4	5	St. Charles	3	3
Caruthersville	0	0	Liberty	1	4	St. John	1	0
Charleston	0	0	Macon	0	0	St. Joseph	9	10
Chesterfield	2	4	Manchester	3	1	St. Louis	57	52
Chillicothe	1	0	Maplewood	0	1	St. Peters	6	7
Clayton	0	1	Marshall	3	0	Sullivan	1	1
Clinton	1	0	Marshfield	0	0	Sunset Hills	3	1
Columbia	7	9	Maryland Heights	2	1	Town & Country	2	3
Crestwood	0	0	Maryville	0	1	Trenton	1	1
Creve Coeur	1	1	Mehlville	-	0	Troy	0	0
Dardenne Prairie	2	0	Mexico	2	1	Union	1	2
De Soto	0	1	Moberly	0	0	University City	2	0
Dellwood	0	0	Monett	1	1	Valley Park	0	0
Des Peres	1	0	Murphy	0	0	Warrensburg	0	0
Desloge	0	0	Neosho	0	0	Warrenton	0	0
Dexter	2	0	Nevada	0	1	Washington	2	1
Ellisville	0	0	Nixa	0	0	Webb City	1	0
Eureka	0	4	Normandy	0	0	Webster Groves	0	3
Excelsior Springs	0	0	O'Fallon	3	4	Weldon Spring	0	2
Farmington	0	0	Oak Grove	2	0	Wentzville	0	6
Ferguson	4	1	Oakville	-	-	West Plains	2	0
Festus	3	0	Odessa	0	0	Wildwood	6	1
Florissant	4	2	Olivette	0	0	Willard	0	0
Fort Leonard Wood	-	0	Overland	0	1			
Fulton	1	1	Ozark	0	1	Totals	353	323

Note: Crashes occurring within cities of 5,000 or more population are classified as urban.

Urban and Rural Comparison

Urban Crashes in Missouri

Type of Crash	Fatal	Injury	Property Damage	Total
Animal	2	96	884	982
Animal Drawn Veh/Animal Ridden for Trans.	0	0	2	2
Cargo/Equipment Loss/Shift	0	3	49	52
Fell/Jumped from Motor Vehicle	2	50	5	57
Fire/Explosion	0	1	40	41
Fixed Object	82	3,567	10,381	14,030
Immersion	1	1	7	9
Jackknife	0	4	29	33
Motor Vehicle in Transport	126	19,401	56,725	76,252
Other Non-Collision	1	40	145	186
Other Object	3	76	662	741
Overturn	13	391	224	628
Parked Motor Vehicle	6	653	7,487	8,146
Pedalcycle	2	351	60	413
Pedestrian	61	912	85	1,058
Railway Vehicle	1	2	15	18
Working Motor Vehicle	1	12	94	107
Total	301	25,560	76,894	102,755

Rural Crashes in Missouri

Type of Crash	Fatal	Injury	Property Damage	Total
Animal	5	325	3,584	3,914
Animal Drawn Veh/Animal Ridden for Trans.	0	3	13	16
Cargo/Equipment Loss/Shift	0	0	46	46
Fell/Jumped from Motor Vehicle	4	38	3	45
Fire/Explosion	0	2	206	208
Fixed Object	214	4,703	11,305	16,222
Immersion	0	1	13	14
Jackknife	0	9	136	145
Motor Vehicle in Transport	221	5,943	20,519	26,683
Other Non-Collision	3	60	242	305
Other Object	4	66	730	800
Overturn	68	1,177	965	2,210
Parked Motor Vehicle	1	141	1,944	2,086
Pedalcycle	1	77	12	90
Pedestrian	20	226	13	259
Railway Vehicle	6	8	18	32
Working Motor Vehicle	0	18	92	110
Total	547	12,797	39,841	53,185

*Can be more than one vehicle type per crash.

Missouri Crashes

Type of Crash	Fatalities	All Crashes
Motor Vehicle in Transport	401	102,935
Fixed Object	309	30,252
Parked Motor Vehicle	8	10,232
Animal	7	4,896
Overturn	84	2,838
Other Object	7	1,541
Pedestrian	83	1,317
Pedalcycle	3	503
Other Non Collision	4	491
Fire/Explosion	0	249
Working Motor Vehicle	1	217
Fell/Jumped from Motor Vehicle	0	178
Cargo/Equipment Loss/Shift	6	102
Jackknife	0	98
Immersion	7	50
Railway Vehicle	1	23
Animal Drawn Vehicle/Animal Ridden for Trans. ...	0	18
Total	**921**	**155,940**

Total Crashes...155,940
Total Fatal Crashes 848
Total Persons Killed 921

The type of crash is determined by the first harmful event.

Holiday Fatalities

Holiday	Year	Killed	Reporting Hours	Period
Memorial Day	2017	8	78	From 6:00 p.m., Friday, May 26, to Midnight, Monday, May 29.
	2018	16	78	From 6:00 p.m., Friday, May 25, to Midnight, Monday, May 28.
4th of July	2017	26	102	From 6:00 p.m., Friday, June 30, to Midnight, Tuesday, July 4.
	2018	4	30	From 6:00 p.m., Tuesday, July 3, to Midnight, Wednesday, July 4.
Labor Day	2017	11	78	From 6:00 p.m., Friday, September 1, to Midnight, Monday, September 4.
	2018	11	78	From 6:00 p.m., Friday, August 31, to Midnight, Monday, September 3.
Thanksgiving	2017	17	102	From 6:00 p.m., Wednesday, November 22, to Midnight, Sunday, November 26.
	2018	13	102	From 6:00 p.m., Wednesday, November 21, to Midnight, Sunday, November 25.
Christmas	2017	7	78	From 6:00 p.m., Friday, December 22, to Midnight, Monday, December 25.
	2018	11	102	From 6:00 p.m., Friday, December 21, to Midnight, Tuesday, December 25.
New Year	2017	9	78	From 6:00 p.m., Friday, December 29, 2017, to Midnight, Monday, January 1, 2018.
	2018	7	102	From 6:00 p.m., Friday, December 28, 2018, to Midnight, Tuesday, January 1, 2019.

Highway Patrol Headquarters
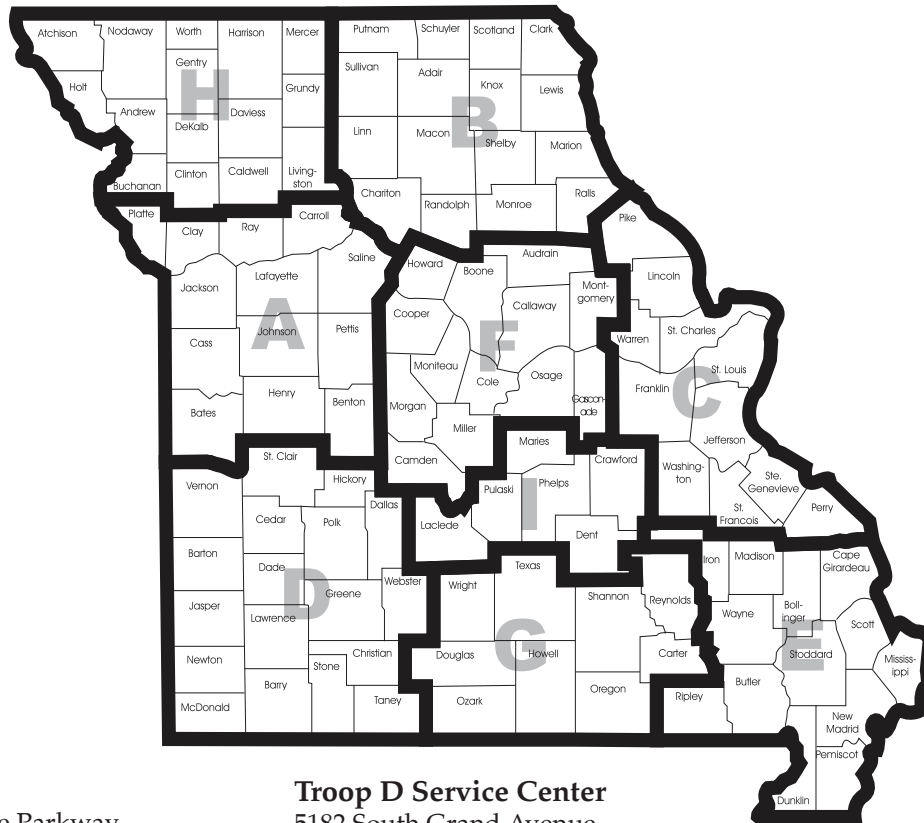
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